

Docket No.: 2183-6265US

(A)



peptides:

HR2 region:

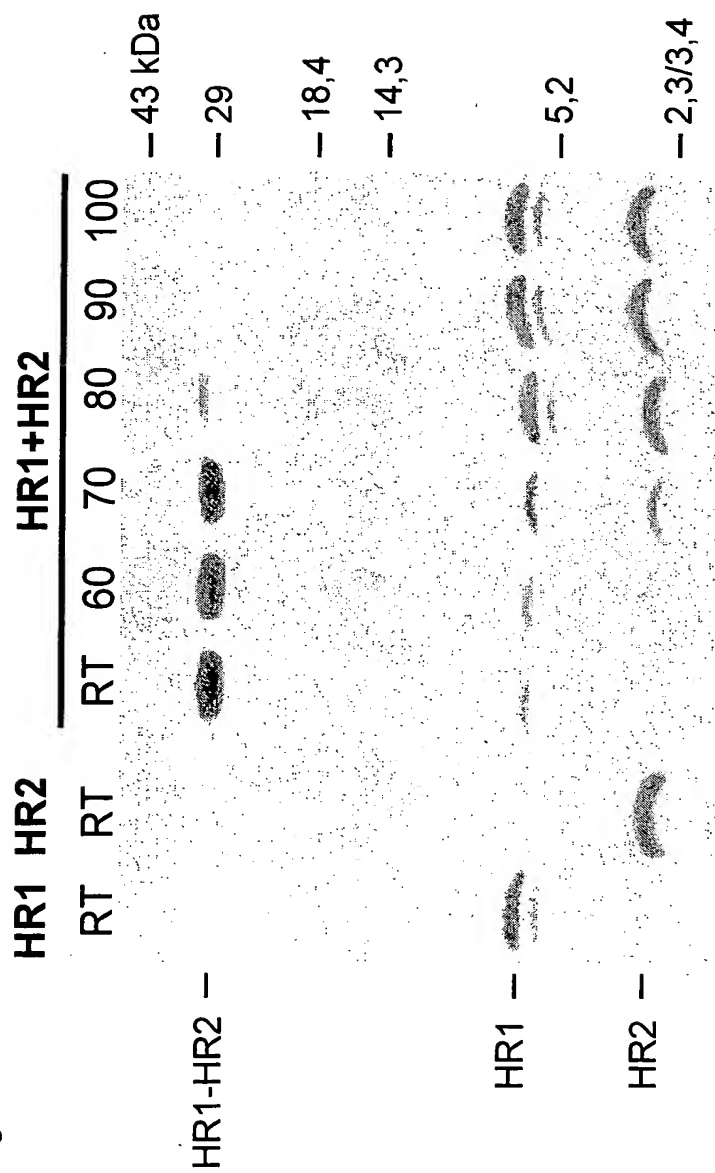
peptides:

1126 (GS) ELDSFKELQKYPQH-----TSPPVLGDSIGINAVVNQKID-----RLNEVAKUNESLIDQLQKYE 1189
 HR2-1
 1145 (GS) DVLDGDSIGINAVVNQKID (GS) DVLDGDSIGINAVVNQKID-----RLNEVAKUNESLIDQLQKYE 1189
 HR2
 1145 DYKDDDK--GS--DVLDGDSIGINAVVNQKID DYKDDDK--GS--DVLDGDSIGINAVVNQKID-----RLNEVAKUNESLIDQLQKYE 1189
 FT-HR2

Docket No.: 2183-6265US

[illegible]

Fig.3



TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.
Docket No.: 2183-6265US

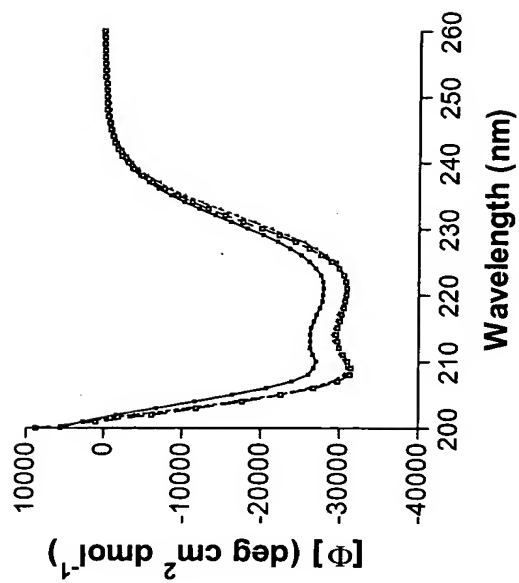


Fig. 4.

TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES
Inventor: Rottier et al.
Docket No.: 2183-6265US

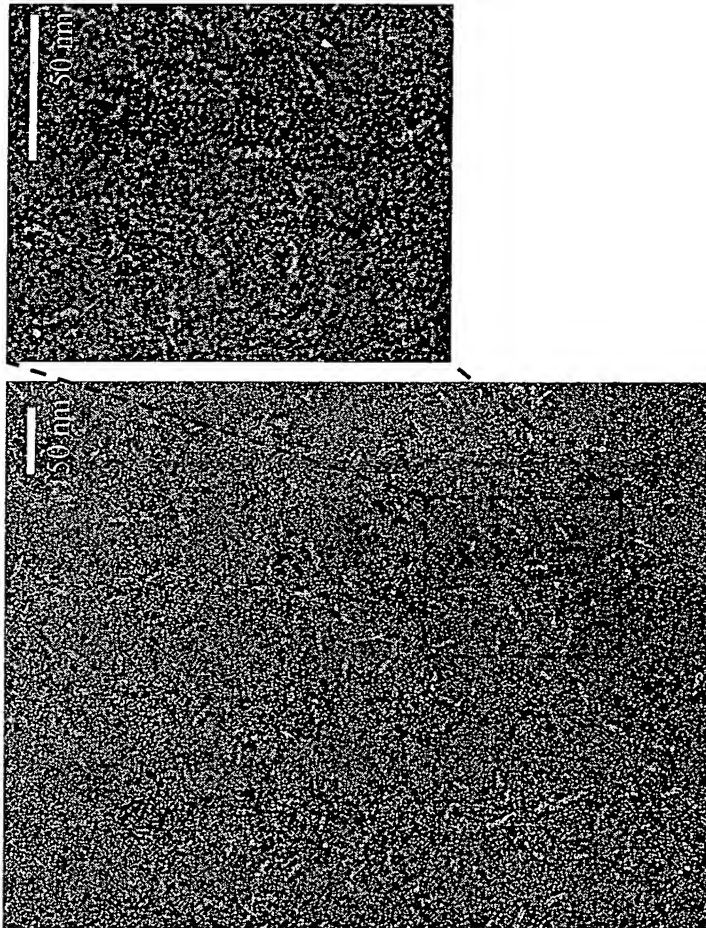


Fig. 5

TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.
Docket No.: 2183-6265US

Fig.6

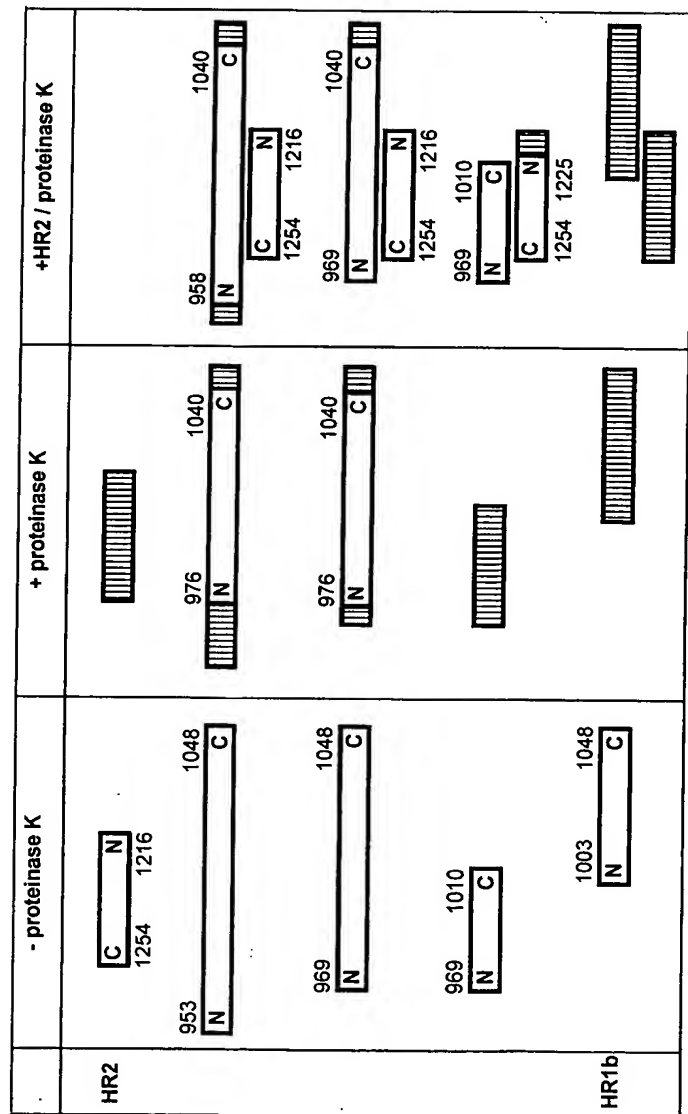
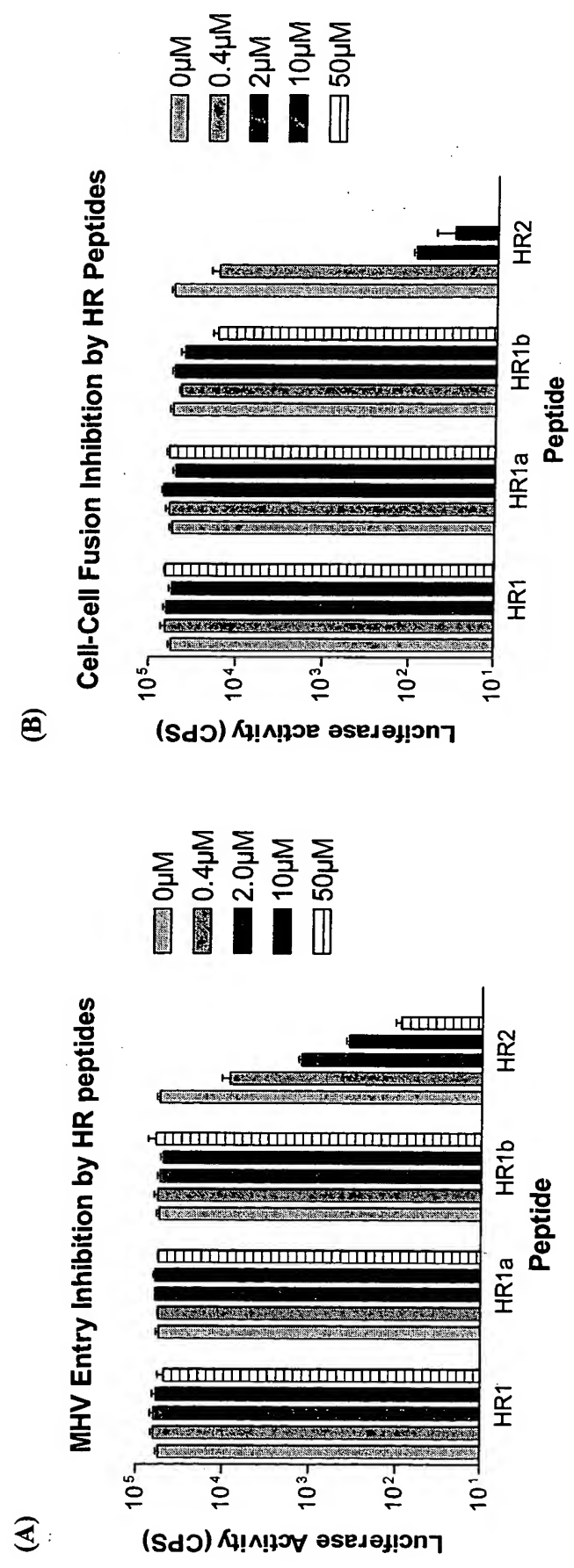


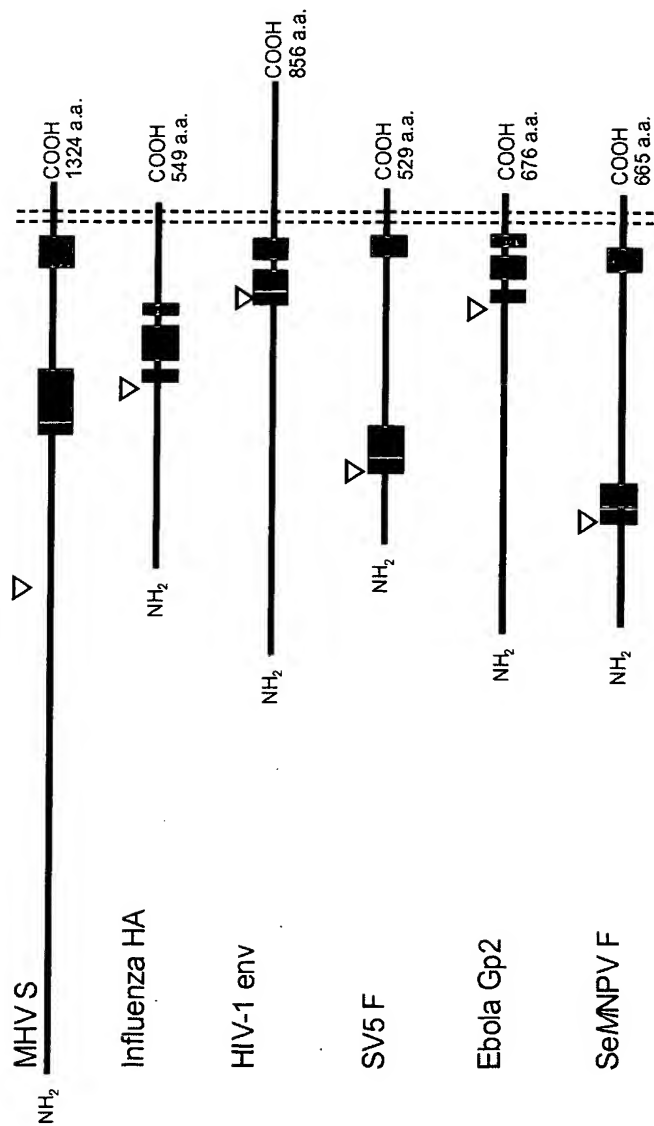
Fig.7



TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.
Docket No.: 2183-6265US

Fig 8



TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.
Docket No.: 2183-6265US

Fig.9

>GST-HR1

MSPILGYWKIKGLVQPTRLLLEYLEEKYEHLVERDEGDKWRNKKFELGLEFPNLPYYIDGVDVKLTQSMARIYIADKHNMLGGCPKERAESMLEGAVLDIRYGVSR IAYSKDFF
TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQGWQATFGGGDHPKSDLVPRGSOARLNLY
VALQTDVLNKNQOILANAFNQAIGNITQAFGVNDATHQTSQGLATVAKALAKVDVNTQGOALSHLTVQLQNNFQAISSISDIYNRLDELSADAQVDRLLIT

>GST-HR2

MSPILGYWKIKGLVQPTRLLLEYLEEKYEHLVERDEGDKWRNKKFELGLEFPNLPYYIDGVDVKLTQSMARIYIADKHNMLGGCPKERAESMLEGAVLDIRYGVSR IAYSKDFF
TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQGWQATFGGGDHPKSDLVPRGSEFTLDI
FNATYINLTGEIDDLLEFSEKLNHTTVELAILIDNINNTLVNLEW

TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.
Docket No.: 2183-6265US

Fig. 10

>SARS nucleotide and deduced protein sequence as derived from the RT-PCR fragment:

```
nt 1 gaaatchcgscttctgctaattcttgctgtactaaaatgtctgagtgtgttcttggacaa .
aa 1 E I X X S A N L A A T K M S E C V L G Q
tcaaaaagagttgacttttgtggaaagggtaccaccttatgtccttcccacaagcagcc
S K R V D F C G K G Y H L M S F P Q A A
ccgcatgggtgttgtcttcctacatgtcacgtatgtgccatcccaggagaggaacttcacc
P H G V V F L H V T Y V P S Q E R N F T
acagcgccagcaatttgtcatgaaggcaaagcatacttccctcgtgaagggtgtttttgtg
T A P A I C H E G K A Y F P R E G V F V
tttaatggcacttcttggttttattacacagaggaacttcttttctccacaaataattact
F N G T S W F I T Q R N F F S P Q I I T
acagacaatacattttgtctcaggaaattgtgatgtcggttattggcatcattaacaacaca
T D N T F V S G N C D V V I G I I N N T
gtttatgatcctctgcaacctgagcttgactcattcaaagaagagctggacaagtacttc
V Y D P L Q P E L D S F K E E L D K Y F
aaaaatcatatcaccagatgttgatcttggcgacatttcaggcattaacgcttctgtc
K N H T S P D V D L G D I S G I N A S V
gtcaacattcaaaaagaaattgaccgcctcaatgaggtcgctaaaaatttaaataatgaatca
V N I Q K E I D R L N E V A K N L N E S
ctcattgaccttcaagaattgggaaaatatgagcaatatatt 582
L I D L Q E L G K Y E Q Y I 194
```

FIG.11

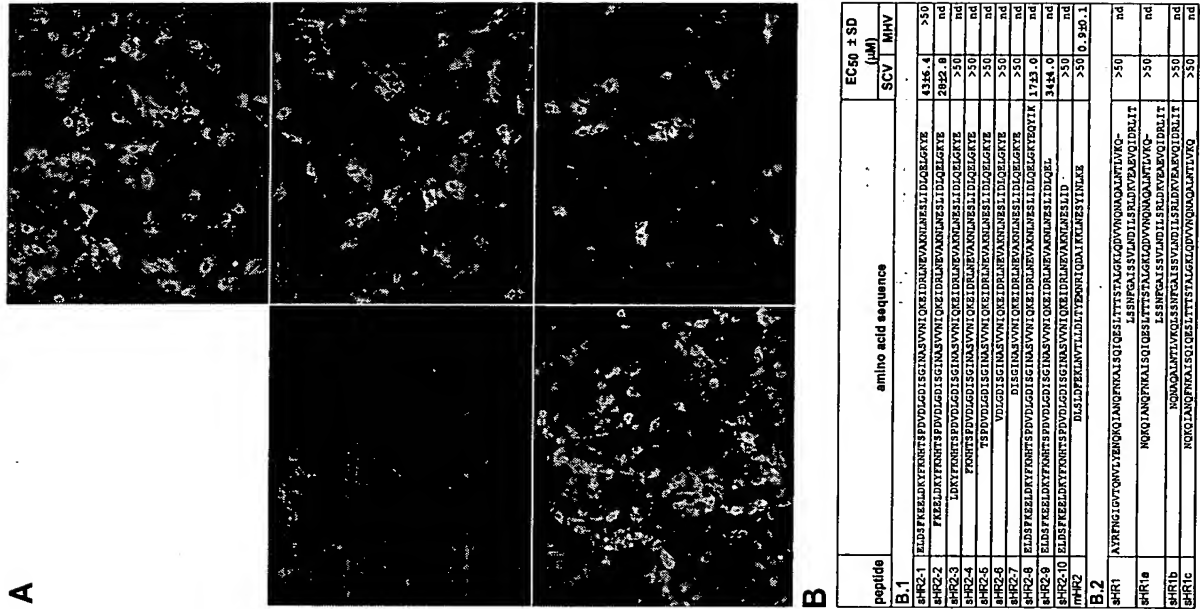
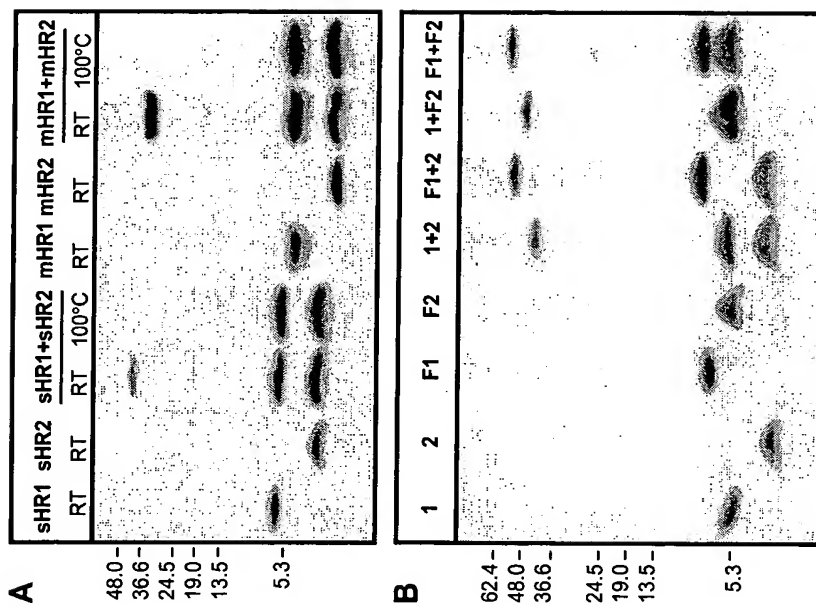


FIG.12



TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.
Docket No.: 2183-6265US

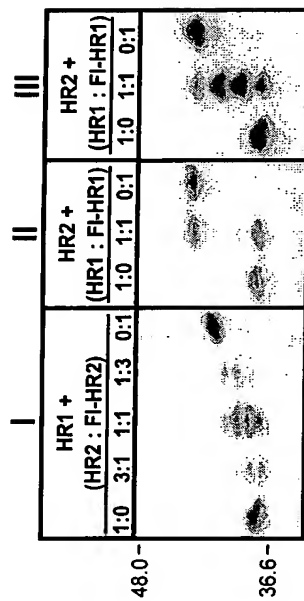


FIG.13

TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES
Inventor: Rottier et al.
Docket No.: 2183-6265US

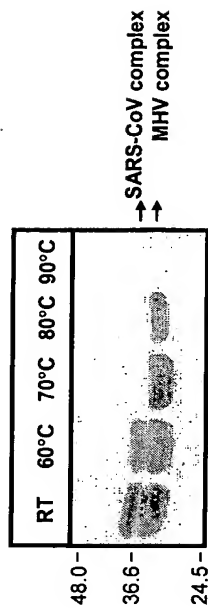


FIG.14

TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.

Docket No.: 2183-6265US

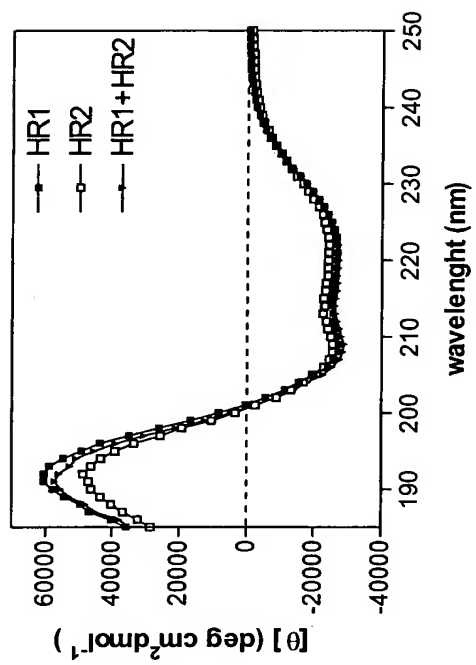


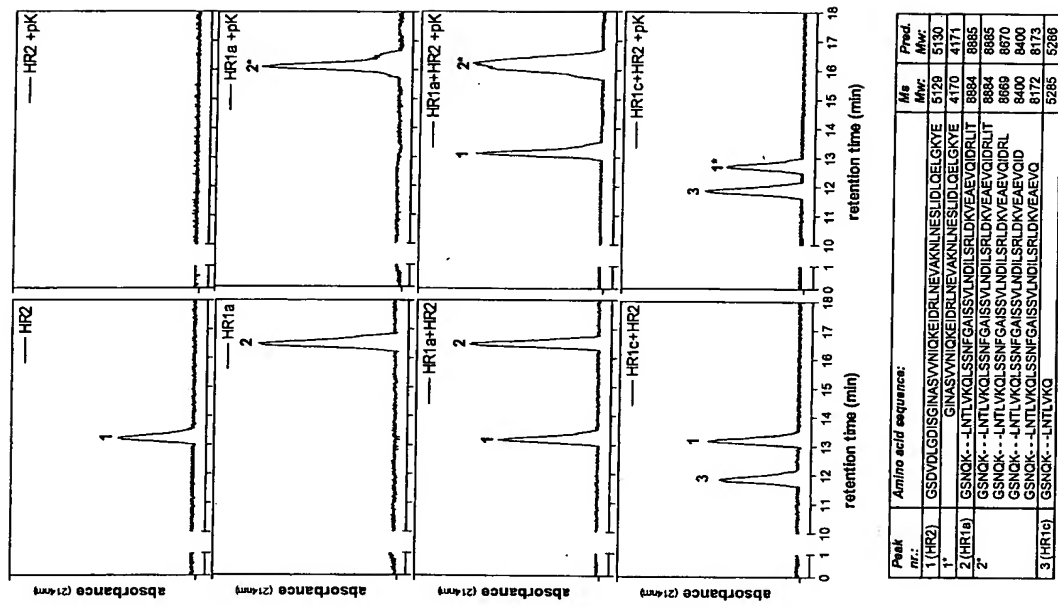
FIG.15

TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.

Docket No.: 2183-6265US

FIG.16



TITLE: CORONA-VIRUS-LIKE
PARTICLES COMPRISING
FUNCTIONALLY DELETED GENOMES

Inventor: Rottier et al.

Docket No.: 2183-6265US

FIG.17

